

Discipline Roadmap for: ID & Authentication Methods (Biometrics)

Current	2 Years	5 Years
Baseline Environment <ul style="list-style-type: none"> ▪ Facial Geometry ▪ Fingerprint ▪ Retinal Scan ▪ Voice Recognition ▪ Iris Scan ▪ Facial Thermograph ▪ Typing Pattern 	Tactical Deployment	Strategic Direction
		<div> <div></div> <div>Shared</div> <div>Agency ✓</div> </div>
Retirement Targets None	Mainstream Platforms (must be supported)	
Containment Targets None	Emerging Platforms Combining of bio with other hardware/software solutions	
Implications and Dependencies <ul style="list-style-type: none"> ▪ Fingerprint is the most common method of biometric authentication readily available at this point in time with other methods being used in niche markets where they fit. Pattern recognition scales well and is making inroads in some enterprises and facial geometry. Has additional uses in security markets that is giving it some momentum in other organizations. 		
Roadmap Notes <ul style="list-style-type: none"> ▪ There is really no way to say yes or no to various implementations of biometric solutions based on individual business needs. When they are included on endpoints organizations need to make sure the implementation fits within a scalable authentication framework. Upek is one of the most common manufacturers with a proclivity of drivers available but is only one among many at this point. 		

DISCIPLINE: Identification and Authentication

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■ **Discipline Boundaries:**

- Biometric authentication considerations for general application as well as computer systems access

■ **Discipline Standards:**

- Consider enterprise authentication frameworks in your purchases with attention directed at solutions that are able to grow beyond single

■ **Migration Considerations:**

- Consideration needs to be given to infrastructure cost, user training, and organizational procedures based on those being where the largest cost for organizations as they deploy.

■ **Exception Considerations:**

- Any existing scheme outside of these that is working for an environment currently. Other newer options proposed as exceptions should instead be incorporated in the baseline and strategic direction if they pass the exception test.

■ **Miscellaneous Notes:**

- Many solutions are not easy to implement. Consider the options carefully and make sure the organization is ready to deal with some challenges. The reward when biometrics is combined with an additional factor for authentication is well enough

■ **Established**

- March 26, 2008

■ **Date Last Updated:**

- March 26, 2008

■ **Next Review Date:**

- November 2009